



NCDOT Prioritization 3.0 Project Summary

SPOT ID: H090508-A

Mode: Highway

Status: Submitted

US-1 BUS , US-15, US-501 (Hawkins Avenue)

From/Cross Street: Winfield Street

Specific Improvement Type: 1 - Widen Existing Roadway

To: US 1

Project Category: Regional Impact

Length: 1.65

TIP#: U-5004

Fully Funded in Draft STIP? No

Cost to NCDOT: \$18,144,000

Description:

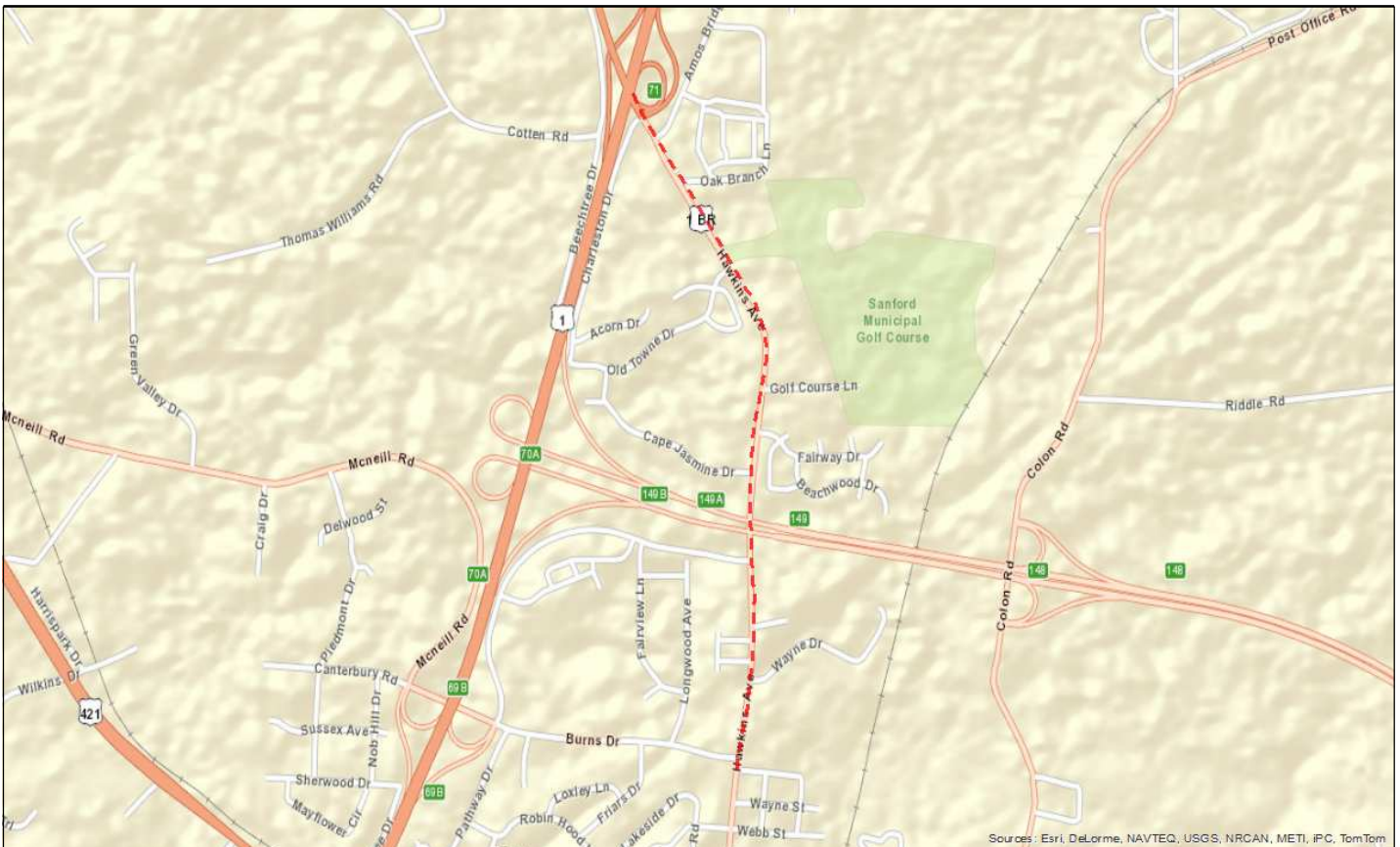
Widen to Multi-Lanes

Division(s): Division 8

County(s): LEE

MPOS(s)/RPO(s): Triangle Area RPO

Project Location



Statewide Mobility Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Totals: Weight: 0% Weighted Score: 0	N/A	N/A

Regional Impact Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Accessibility / Connectivity (10%) 7.30	Percent: 15% Points:	Percent: 15% Points:
Congestion (V/C) (25%) 33.34		
Safety (10%) 13.12		
[Travel Time] Benefit/Cost (25%) 1.64		
Totals: Weight: 70% Weighted Score: 10.79		

Division Needs Total Score: 0

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 33.34	Percent: 25% Points:	Percent: 25% Points:
Safety (10%) 13.12		
[Travel Time] Benefit/Cost (20%) 1.64		
Totals: Weight: 50% Weighted Score: 8.31		

Project Data ***Existing Conditions**

Existing Cross-Section:	
Speed Limit:	35
Length (miles):	1.65
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	11
Paved Shoulder Width:	0
Roadway has Curb & Gutter?	No
Volume (AADT):	7942.56
Capacity:	15800
Volume/Capacity Ratio:	0.5
% Autos:	97%
% Trucks:	3%
Truck Volume:	239.53
Crash Density:	9.58
Crash Severity:	10.1
Critical Crash Rate:	19.68
Crash Frequency:	0
Severity Index:	0
County Tier Designation:	2
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	21
Existing Median Type (for Cost Estimation):	Divided
Pavement Condition Rating:	99
Actual Congested Speed:	1.74
Travel Time Index:	0.85

Project Benefits

Project Cross-Section:	4C - 4 Lane Divided (23' Raised Median) with Curb & Gutter, Wide Outside Lanes, and Sidewalks
Speed Limit:	45
Length (miles):	1.65
Facility Type:	Arterial
Access Control:	Partial
Functional Classification:	Minor Arterial
Terrain Type:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	1332809.33
Travel Time Savings for 30 Years (Autos):	1292614.96
Travel Time Savings for 30 Years (Trucks):	40194.37
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 8

* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT Online tool and associated databases.

Project Ownership**Division**

Division	Percent	Regional Impact	Division Needs
Division 8	100%	0	0
	0%	0	0
	0%	0	0
TOTAL Division Points		0	0

MPO/RPO

MPO/RPO	Percent	Regional Impact	Division Needs
Triangle Area RPO	100%	0	0
	0%	0	0
	0%	0	0
TOTAL MPO/RPO Points		0	0

Project Cost and Source

Construction Cost:	\$17,079,000	Cost Estimation Tool
Right-of-Way Cost:	\$951,000	Cost Estimation Tool
Utilities Cost:	\$114,000	Cost Estimation Tool
Total Project Cost:	\$18,144,000	
Other Funding:	\$0	None
Cost to NCDOT :	\$18,144,000	